

SPECIFICATION

Electronic Version 1.2.8

Stylesheet Version 1.0

OVERTURNABLE PHONE

Background of Invention

- [0001] The present invention relates generally to communication devices (information technologies) and, particularly, to radio transceivers" and cellular telephones" layout.
- [0002] All known prior art devices mainly comprise microphone and speaker units situated on the opposite edges of a receiver on its face panel. Thus one end (edge), containing speaker, is always meant to be taken upwards, the opposite end (edge) downwards.
- [0003] It sometimes causes inconvenience in use. Taking it in the wrong direction compels to make one more grasp.

Summary of Invention

- [0004] The technical result of the present embodiment is to make use of telephone (telecommunication device) more convenient.
- [0005] This result is achieved by mounting an additional set of speaker plus microphone on the opposite edges of receiver in the counter direction layout and adding a switch to put into operation one set or another, depending on which edge is taken upwards.

Brief Description of Drawings

- [0006] The embodiment of the present invention will be described with reference to the accompanied drawing.
- [0007] Fig.1 shows schematic view of the device with two sets of microphone plus speaker located in the opposite directions. Said sets are connected to input/output circuits via gravity sensible switch.

[0008] Fig. 2 shows the schematic diagram of how hysteresis function implemented into the switch helps to eliminate false switching.

Detailed Description

[0009] The device of the present embodiment comprises the phone housing with a usual set of elements for phone functioning 1 and an additional set of speaker 3 plus microphone 4 implemented in it. Said additional set is installed in opposite orientation in relation to the usual set 2 and 5, so that said additional microphone 3 is installed near the speaker 2, and additional speaker 4 is installed near the microphone 5.

[0010] One or another set is connected to phone"

[0011] To eliminate false switching in the near horizontal orientations a slight fixation in extreme positions can be made for providing hysteresis function in operation diagram.

[0012] As gravity sensitive elements may be used the elements of the device structure (for example, battery).

[0013] Activity description.

[0014] The appliance 1 in the initially is oriented horizontally, with the switch 6 in one of two possible positions 8 or 9.

[0015] To put it into operation it is taken one end up. The switch 6, sensitive to gravity, connects the corresponding microphone + speaker set 3+4 or 2+5 to the phones circuit 7.

[0016] One or two more sets of receiving and reproduction of speech signal devices can be installed on the rear side of device.

[0017] Switching can be realized with automatic drive ,manual drive or both.

[0018] On putting the appliance down on horizontal surface the switch remains in previous position, due to hysteresis property. It needs a bit more extra turn to switch.